

REMARKS

Claims 1-9 currently appear in this application.

The Office Action of May 16, 2006, has been carefully studied.

Applicants have added into the present specification a substitute paper copy Sequence Listing section according to 37 C.F.R. §1.821(c). Furthermore, attached hereto is a 3 1/2" disk containing the "Sequence Listing" in computer readable form in accordance with 37 C.F.R. §1.821(e).

The following statement is provided to meet the requirements of 37 C.F.R. §1.825(a) and 1.825(b).

I hereby state, in accordance with 37 C.F.R. §1.825(a), that the amendments included in the substitute sheets of the sequence listing are believed to be supported in the application as filed and that the substitute sheets of the sequence listing are not believed to include new matter.

I hereby further state, in accordance with 37 C.F.R. §1.825(b), that the attached copy of the computer readable form is the same as the attached substitute paper copy of the sequence listing.

Applicants hereby confirm election of claims 4-9.
The elected sequence is SEQ ID NO:1.

SEQ ID NO:5 is a sequence of 377th to 395th on the gene sequence of the spacer region between the gene coding 16S rRNA and the gene coding 23S rRNA of *Pectinatus frisingensis* of SEQ ID NO:1, and a sequence of 195th to 213th on the gene sequence of the spacer region between the gene coding 16S rRNA and the gene coding 23S rRNA of *Pectinatus frisingensis* of SEQ ID NO:2. This is disclosed in the specification as filed at page 24, penultimate line to page 25, line 3.

SEQ ID NO:6 is a sequence of 361st to 380th on the gene sequence of the spacer region between the gene coding 16S rRNA and the gene coding 23S rRNA of *Pectinatus frisingensis* of SEQ ID NO:1, and a sequence of 179th to 198th on the gene sequence of the spacer region between the gene coding 16S rRNA and the gene coding 23S rRNA of *Pectinatus frisingensis* of SEQ ID NO:2. This is disclosed in the specification as filed at page 24, penultimate line to page 25, line 11.

The specification, claims, and sequence listing have been amended to correct a self-evident typographical error in SEQ ID NO:6. No new matter is submitted, and none is intended.

Appln. No. 10/600,642
Amd. dated June 15, 2006
Reply to Office Action of May 16, 2006

In view of the above, it is respectfully submitted
that the claims are now in condition for examination, and
prompt and favorable action is earnestly solicited.

Respectfully submitted,

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